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PTO/SB/21 (6-98)
Approved for use through 09/30/2000. OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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|---|-----------------------------|-------------------------------|------|
| TRANSMITTAL FORM (to be used for all correspondence after initial filing) | Application Number | 09/683,258 | |
| | Filing Date | 12/05/2001 | |
| | First Named Inventor | kemin Zhou | |
| | Group Art Unit | 1645 | |
| | Examiner Name | unknown | |
| Total Number of Pages in This Submission | 12 | Attorney Docket Number | 3418 |

| ENCLOSURES (check all that apply) | | |
|---|--|---|
| <input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Response <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input checked="" type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Small Entity Statement <input type="checkbox"/> Request for Refund | <input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Additional Enclosure(s) (please identify below): 1) Copy of Notice to Comply with Sequence Listing Requirement. 2) Response to Notice to Comply with Sequence Listing Requirement. 3) Diskette with electronic copy of Sequence Listing. 3) Statement under 37 CFR 3.73(b) 4) Return postcard. |
| Remarks | | |

| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT | |
|--|----------------------------|
| Firm or Individual name | Leticia Reyes Block |
| Signature | <i>Leticia Reyes Block</i> |
| Date | 09-20-2002 |

| CERTIFICATE OF MAILING | | | |
|---|----------------------------|------|----------------|
| I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on this date: <u>9/20/02</u> | | | |
| Typed or printed name | <i>Leticia Reyes Block</i> | | |
| Signature | <i>Leticia Reyes Block</i> | Date | <u>9/20/02</u> |

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#8

PATENT
Atty. Docket No. 3418

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Kemin Zhou

Examiner: Unknown

Serial No: 09/683,258

Group Art Unit: 1645

Filing Date: Dec. 5, 2001

Title: LARGE SCALE PROTEIN
NUCLEIC ACID INTERACTION
PROFILING

RESPONSE TO NOTICE TO COMPLY WITH REQUIREMENTS OF 37 C.F.R. 1.821-1.825

Commissioner for Patents
Washington, D.C. 20231

Sir:

This document is submitted in response to the Notice to Comply with the Requirements for Patent Applications Containing Nucleotide Sequence and/or Amino Acid Sequence Disclosures mailed September 13, 2002.

Transmitted herewith is a substitute copy of the "Sequence Listing" in electronic form. As required by 37 C.F.R. 1.825(d), Applicant's Agent hereby states that the contents of this "Sequence Listing" in electronic form, is identical to the original "Sequence Listing" submitted on May 1st, 2002. As required by 37 1.821(f), Applicant's Agent hereby states that the content of this "Sequence Listing" in electronic form and the "Sequence Listing" in paper form submitted on May 1st, 2002 are the same and, as required by 37 C.F.R. 1.821(g), also states that the submission includes no new matter.



Atty. Docket No. 3416

Applicant believes that no fee is required for submission of this response. However, if a fee is required, the Commissioner is authorized to deduct such fee from Deposit Account No. 01-0431. This Transmittal Letter is submitted in duplicate for accounting purposes.

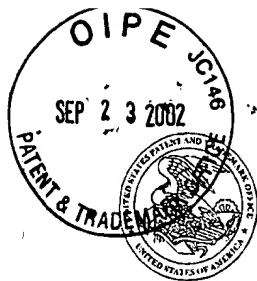
Respectfully submitted,

Date: 09-20-2002

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| APPLICATION NUMBER | FILING/RECEIPT DATE | FIRST NAMED APPLICANT | ATTORNEY DOCKET NUMBER |
|--------------------|---------------------|-----------------------|------------------------|
| 09/683,258 | 12/05/2001 | Kemin Zhou | 3418 |

22886
AFFYMETRIX, INC
ATTN: CHIEF IP COUNSEL, LEGAL DEPT.
3380 CENTRAL EXPRESSWAY
SANTA CLARA, CA 95051

CONFIRMATION NO. 1011

FORMALITIES LETTER



OC000000008786230

Date Mailed: 09/13/2002

NOTICE TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS CONTAINING NUCLEOTIDE SEQUENCE AND/OR AMINO ACID SEQUENCE DISCLOSURES

Applicant is given **TWO MONTHS FROM THE DATE OF THIS NOTICE** within which to file the items indicated below to avoid abandonment. Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).

- The computer readable form that has been filed with this application has been found to be damaged and/or unreadable as indicated on the attached CRF Diskette Problem Report. A substitute computer readable form must be submitted as required by 37 C.F.R. 1.825(d). Applicant must provide a substitute computer readable form (CRF) copy of the "Sequence Listing" and a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d). If applicant desires the sequence listing in the instant application to be identical with that of another application on file in the U.S. Patent and Trademark Office, such request in accordance with 37 CFR 1.821(e) may be submitted in lieu of a new CRF.

For questions regarding compliance to these requirements, please contact:

- For Rules Interpretation, call (703) 308-4216
- To Purchase PatentIn Software, call (703) 306-2600
- For PatentIn Software Program Help, call (703) 306-4119 or e-mail at patin21help@uspto.gov or patin3help@uspto.gov

*A copy of this notice **MUST** be returned with the reply.*

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Initial Patent Examination Division (703) 308-1202

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